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ABSTRACT

Sample class profile record sheets, student profile record sheets, and diagnostic and mastery tests are included for level 3 of the Mountain View School District Bilingual Diagnostic-Prescriptive Mathematics Program. (MN)

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MOUNTAIN VIEW SCHOOL DISTRICT

TITLE III

CLASS PROFILE

LEVEL 3

SE 024 212

LEVEL

Title III Class Profile 3

MOUNTAIN VIEW SCHOOL DISTRICT

Teacher_____ Room No._____

3.0100: NUMBER AND NUMERICAL CONCEPTS:
3.0101: Number patterns
3.0102: Ratio and proportion
3.0103: Percent
3.0104: Average (mean)
3.0105: Equations
3.0200: MEASUREMENT:
3.0201: Length: ⅛", 1/16", with ruler
3.0202: Convert units of length
3.0300: GEOMETRY:
3.0301: Circle and its parts: Radius, diameter, circumference
3.0302: Volume of solids: Cubes, rectangular prism
3.0400: ADDITION:
3.0401: 5 and 6 digit addends, renaming to ten thousands
3.0402: Columnar addition, renaming
3.0403: Word problems
3.0500: SUBTRACTION:
3.0501: 5 digits from 5 digits, renaming
3.0502: 1 digit from multiples of 1000
3.0503: Word problems
3.0600: MULTIPLICATION:
3.0601: 4 digit by 2 digit, renaming
3.0602: Word problems
3.0700: DIVISION:
3.0701: 5 digits by 2 digits, with and without remainders
3.0702: 3 digits by 3 digits, with and without remainders

3.0703: Word problems
3.0800: ADDITION OF FRACTIONS:
3.0801: 3 or more addends, like denominators, sums renamed in simplest form
3.0802: 3 or more addends, like denominators, sums renamed as mixed number in simplest form
3.0900: SUBTRACTION OF FRACTIONS:
3.0901: Mixed number from mixed number, unlike denominators, regroup the minuend, renamed in simplest form
3.1000: MULTIPLICATION OF FRACTIONS:
3.1001: Mixed number times whole number, renamed in simplest form
3.1002: Mixed number times a fraction, renamed in simplest form
3.1100: DIVISION OF FRACTIONS:
3.1101: Whole number by mixed number, rename in simplest form
3.1102: Mixed number by a whole number, rename in simplest form
3.1200: ADDITION OF DECIMAL FRACTIONS:
3.1201: Mixed number plus mixed number, to tenths and hundredths, renaming
3.1202: 3 or 4 addends, mixed numbers, to tenths and hundredths
3.1203: Word problems
3.1300: SUBTRACTION OF DECIMAL FRACTIONS:
3.1301: Mixed number from mixed number, to tenths and hundredths
3.1302: Word problems
3.1400: MULTIPLICATION OF DECIMAL FRACTIONS:
3.1401: Mult., 2 digits times dollars and cents, renaming
3.1402: Mult., whole number by tenths and hundredths, renaming
3.1403: Mult., mixed number by tenths and hundredths, renaming
3.1500: DIVISION OF DECIMAL FRACTIONS:
3.1501: Division of money by 2 digit whole number, no remainder
3.1502: Division of mixed number by whole number, no remainder
3.1503: Division of 3 digit whole number by tenths, no remainder
3.1504: Division of 3 digit whole number by hundredths, no remainder

TITLE III STUDENT PROFILE

NAME _____ + MASTERY

DATE _____

TEACHER _____ O NON-MASTERY

LEVEL 3

3.0100: Number and Numerical Concepts:

3.0101: Number patterns . . . . . _____

3.0102: Ratio and proportion . . . . . _____

3.0103: Percent . . . . . _____

3.0104: Average (mean) . . . . . _____

3.0105: Equations . . . . . _____

3.0200: Measurement:

3.0201: Length: 1/8", 1/16", with ruler . . . . . _____

3.0202: Convert units of length . . . . . _____

3.0300: Geometry:

3.0301: Circle and its parts: Radius, diameter, circumference . . . . . _____

3.0302: Volume of solids: Cubes, rectangular prism . . _____

3.0400: Addition:

3.0401: 5 and 6 digit addends, renaming to ten thousands . . . . . _____

3.0402: Columnar addition, renaming . . . . . _____

3.0403: Word problems . . . . . _____

3.0500: Subtraction:

3.0501: 5 digits from 5 digits, renaming . . . . . _____

3.0502: 1 digit from multiples of 1000 . . . . . _____

3.0503: Word problems . . . . . _____

Level 3 - Continued

3.0600: Multiplication:

3.0601: 4 digit by 2 digit, renaming . . . . . _____

3.0602: Word problems . . . . . _____

3.0700: Division:

3.0701: 5 digits by 2 digits, with and without remainders . . . . . _____

3.0702: 3 digits by 3 digits, with and without remainders _____

3.0703: Word problems . . . . . _____

3.0800: Addition of Fractions:

3.0801: 3 or more addends, like denominators, sums renamed in simplest form . . . . . _____

3.0802: 3 or more addends, like denominators, sums renamed as mixed number in simplest form. . . . . _____

3.0900: Subtraction of Fractions:

3.0901: Mixed number from mixed number, unlike denominators, regroup the minuend, renamed in simplest form . . . . . _____

3.1000: Multiplication of Fractions:

3.1001: Mixed number times whole number, renamed in simplest form . . . . . _____

3.1002: Mixed number times a fraction, renamed in simplest form . . . . . _____

3.1100: Division of Fractions:

3.1101: Whole number by mixed number, rename in simplest form . . . . . _____

3.1102: Mixed number by a whole number, rename in simplest form . . . . . _____

3.1200: Addition of Decimal Fractions:

3.1201: Mixed number plus mixed number, to tenths and hundredths, renaming . . . . . _____

3.1202: 3 or 4 addends, mixed numbers, to tenths and hundredths . . . . . _____

3.1203: Word problems . . . . . _____

3.1300: Subtraction of Decimal Fractions:

3.1301: Mixed number from mixed number, to tenths and hundredths. . . . . ._____

3.1302: Word problems . . . . . ._____

3.1400: Multiplication of Decimal Fractions:

3.1401: Mult., 2 digits times dollar and cents, renaming. . . . . ._____

3.1402: Mult., whole number by tenths and hundredths, renaming. . . . . ._____

3.1403: Mult., mixed number by tenths and hundredths, renaming. . . . . ._____

3.1500: Division of Decimal Fractions:

3.1501: Division of money by 2 digit whole number, no remainder. . . . . ._____

3.1502: Division of mixed number by whole number, no remainder. . . . . ._____

3.1503: Division of 3 digit whole number by tenths, no remainder. . . . . ._____

3.1504: Division of 3 digit whole number by hundredths, no remainder. . . . . ._____

MOUNTAIN VIEW SCHOOL DISTRICT

Diagnostic Math Test

Examen diagnóstico de matemáticas

Level 3
Nivel

3.0101:

1

Find the missing number.

Halla el numeral que falta.

6, 11, 7, 12, 8, 13, _____, 14, 10

A	B	C	D
9	12	19	10

3.0102: On a map, one centimeter stands for 150 kilometers. What distance does 4 centimeters stand for?

2

En un mapa un centímetro representa 150 kilómetros. ¿Cuántos kilómetros representan 4 centímetros?

A	B	C	D
650 km	500 km	550 km	600 km

3.0103:

3

Find 35% of 274.

Halla 35% de 274.

A	B	C	D
95.20	9.59	95.90	$.75

3.0104:

4

Jack earned 80¢ on Monday, 70¢ on Tuesday, and 30¢ on Wednesday. What was his average for the 3 days?

El lunes Juanito ganó 80 centavos. El martes ganó 70 centavos. El miércoles ganó 30 centavos. ¿Cuál fue el promedio por día?

A	B	C	D
$1.50	$1.80	$.60	$.75

3.0105:

5

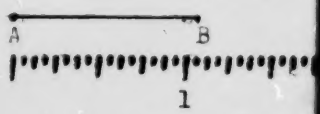
$4 \times n = 36$

Find the value of n.

Halla el valor de n.

A	B	C	D
12	9	32	144

3.0201:



6

How long is line AB? Measure it.

¿De qué largo es la línea AB? Mídela.

A	B	C	D
$1\frac{1}{4}$ inches pulgadas	$1\frac{1}{2}$ inches pulgadas	1 inch pulgada	$1\frac{1}{16}$ inches pulgadas

3.0202: Which is the longest?

7 ¿Cuál es el más largo?

A	B	C	D
39 inches	3 feet, 4 inches	1 yard	2.5 feet
39 pulgadas	3 pies, 4 pulgadas	1 yarda	2.5 pies

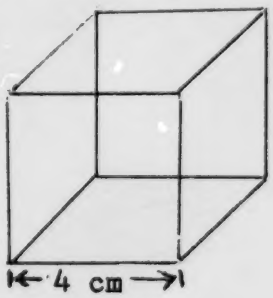
3.0301: If the radius of a circle is 2 inches, how long is the diameter?

8 Si el radio de un círculo es 2 pulgadas de largo, ¿de qué largo es el diámetro?

A	B	C	D
6 inches	1 inch	2 inches	4 inches
6 pulgadas	1 pulgada	2 pulgadas	4 pulgadas

3.0302: What is the volume of a cube with all sides 4 centimeters long?

9 ¿Cuál es el volumen de un cubo que tiene todos los lados 4 centímetros de largo?



A	B	C	D
16 cm^3	12 cm^3	64 cm^3	8 cm^3

3.0401:

Find the sum.

Halla la suma.

10

$$\begin{array}{r} 28{,}377 \\ +\ 59{,}689 \\ \hline \end{array}$$

A	B	C	D
88,156	88,056	88,066	88,966

3.0402:

Find the sum.

Halla la suma.

11

$$\begin{array}{r} 46{,}373 \\ 20{,}586 \\ 44{,}139 \\ +\ 68{,}304 \\ \hline \end{array}$$

A	B	C	D
179,402	179,412	178,402	179,492

3.0403: Which is 14,000 more than two million, twenty-six thousand?

12 ¿Cuál numeral es 14,000 más de dos millones, veinte y seis mil?

A	B	C	D
22,614,000	2,026,14,000	2,262,000	2,040,000

3.0501:

Find the difference.

Halla la diferencia.

13

$$\begin{array}{r} 63{,}073 \\ -\ 48{,}094 \\ \hline \end{array}$$

A	B	C	D
14,879	25,021	14,979	15,878

3.0502:

Find the difference.

Halla la diferencia.

14

$$\begin{array}{r} 6{,}000 \\ -\ 7 \\ \hline \end{array}$$

A	B	C	D
6,993	5,997	6,997	5,993

3.0503: Bob earned $3.75, $4.15, and $2.25. How much more did he need to buy a pair of shoes for $17.63?

15

Roberto ganó $3.75, $4.15, y $2.25. ¿Cuánto dinero le falta para poder comprar un par de zapatos que cuestan $17.63?

A	B	C	D
$10.15	$7.48	$8.50	$9.75

3.0601:

Find the product.

Halla el producto.

16

3,497
X 68

A	B	C	D
227,696	207,695	237,796	227,796

3.0602: How much would 23 bags of candy cost at 17¢ a bag?

17

Si una bolsa de dulces cuesta 17 centavos, ¿cuánto cuestan 23 bolsas de dulces?

A	B	C	D
$4.81	$3.91	$3.10	$2.37

3.0701:

Find the quotient.

Halla el cociente.

18

$84\overline{)78640}$

A	B	C	D
936 r16	926 r15	836 r16	936 r14

3.0702:

Find the quotient.

19

Halla el cociente.

$217\overline{)651}$

A	B	C	D
30	3	33	2

3.0703:

20

Mrs. Gray has 173 papers for the 32 students in her class. How many papers will each student get? How many papers will be left over?

La señora Gray tiene 173 hojas para los 32 estudiantes en su clase. ¿Cuántas hojas para cada uno? ¿Cuántas hojas le sobran?

A
4 r 12

B
5 r 12

C
5 r 13

D
6 r 4

3.0801:

Find the sum.

Halla la suma.

21

$$\begin{array}{r} \frac{2}{8} \\ \frac{1}{8} \\ +\ \frac{3}{8} \\ \hline \end{array}$$

A
$\frac{1}{6}$

B
$\frac{7}{8}$

C
$\frac{3}{4}$

D
$\frac{1}{4}$

3.0802:

Find the sum.

Halla la suma.

22

$$\begin{array}{r} \frac{3}{6} \\ \frac{4}{6} \\ +\ \frac{1}{6} \\ \hline \end{array}$$

A
$1\frac{1}{6}$

B
$1\frac{2}{3}$

C
$1\frac{1}{3}$

D
$1\frac{1}{18}$

3.0901:

Find the difference.

Halla la diferencia. $3\frac{1}{3} - 1\frac{3}{6} = ?$

23

A $2\frac{5}{6}$

B $1\frac{5}{6}$

C $1\frac{1}{3}$

D $2\frac{1}{3}$

3.1001:

Find the product.

Halla el producto. $2\frac{1}{4} \times 2 = ?$

24

A $4\frac{1}{4}$

B $2\frac{1}{2}$

C $4\frac{1}{2}$

D $4\frac{3}{4}$

3.1002:

Find the product.

Halla el producto. $1\frac{4}{6} \times \frac{3}{5} = ?$

25

A 1

B $\frac{1}{2}$

C 2

D $1\frac{2}{5}$

3.1101:

Find the quotient.

Halla el cociente. $6 \div 2\frac{2}{3} = ?$

26

A 16

B $1\frac{1}{2}$

C $1\frac{1}{4}$

D $2\frac{1}{4}$

3.1102:

Find the quotient.

Halla el cociente.

$7\frac{1}{2} \div 9 = ?$

27

A $\frac{5}{6}$

B $67\frac{1}{2}$

C $1\frac{1}{2}$

D $2\frac{1}{2}$

3.1201:

Find the sum.

Halla la suma.

$$\begin{array}{r} 4.65 \\ +\ 2.86 \\ \hline \end{array}$$

28

A 7.41

B 7.51

C 6.41

D 6.51

3.1202:

Find the sum.

Halla la suma.

$47.5 + 50.08 + 3.1 + 7.05 = ?$

29

A 17.73

B 107.63

C 107.73

D 108.18

3.1203:

30

Jane bought her graduation outfit. Her dress cost $12.39; shoes, $9.98; hat, $3.26; and purse, $5.12. How much did she spend?

Juana compró su traje para la graduación. Su vestido costó $12.39; zapatos $9.98; bolsa $5.12 y sombrero $3.26. ¿Cuánto gastó?

A $31.05

B $3.075

C $30.75

D $328.50

3.1301:

Find the difference.

Halla la diferencia.

31

$$13.07 - 5.10 = ?$$

A	B	C	D
8.97	7.87	8.17	7.97

3.1302: How much change should you get from a $10.00 bill if you spend $5.09?

32

¿Cuánto cambio debes recibir de un billete de $10.00 si gastas $5.09?

A	B	C	D
$15.09	$5.91	$5.00	$4.91

3.1401:

33

Find the product.

Halla el producto.

$$\begin{array}{r} \$8.72 \\ \times 45 \\ \hline \end{array}$$

A	B	C	D
$390.50	$293.40	$392.40	$391.40

3.1402:

Find the product.

Halla el producto.

.07
X 8

34

A	B	C	D
.56	5.6	.056	56

3.1403:

Find the product.

Halla el producto.

4.24
X .6

35

A	B	C	D
25.44	24.44	254.4	2.544

3.1501:

Find the quotient.

Halla el cociente.

$25\overline{)\$42.50}$

36

A	B	C	D
$170	$17.00	$1.70	$.170

3.1502:

Find the quotient.

Halla el cociente.

$4\overline{)48.08}$

37

A	B	C	D
1.202	12.02	12.2	12.04

3.1503:

Find the quotient. $.5\overline{)565}$

Halla el cociente.

38

A	B	C	D
.1130	11.30	1.13	1130

3.1504:

Find the quotient. $.59\overline{)354}$

Halla el cociente.

39

A	B	C	D
.6	6.00	.06	600

MASTERY TEST
Level 3

3.0101:

Finish the number patterns.
Completa estas series de números.

1) 0,2,4,5,6,8,10,11,__,__,__,__,__,__,__,__

2) 2,3,5,7,11,13,17,19,23,__,__,__,__,__.

3) 1,1,2,3,5,8,13,21,__,__,__,__,__ .

4) 1,3,5,2,4,6,7,9,11,__,__,__,__,__,__,__

5) 1,50,2,49,3,48,4,__,__,__,__,__

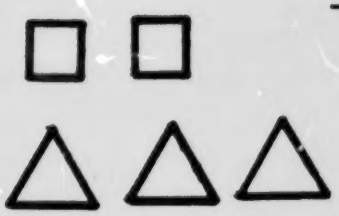
MASTERY TEST
Level 3

3.0102:

1) If 6 inches represents 2 miles on a map, then how many miles would 12 inches represent?

Si 6 pulgadas representan 2 millas en el mapa, ¿cuántas millas son representadas por 12 pulgadas?

_____



2) The ratio of squares to triangles is _____to_____.

La razón de los cuadrados a los triángulos es _____a_____.

3) The ratio of triangles to squares is _____to_____.

La razón de los triángulos a los cuadrados es ____a ____.

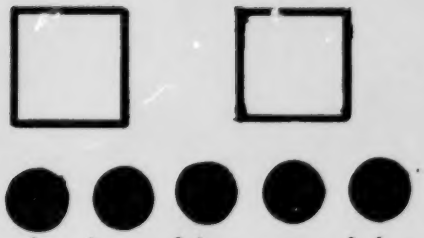
MASTERY TEST
Level 3

3.0102:

4) Write the ratio 2:4 as a fraction.

Escribe la razón 2:4 como una fracción.

_____

5) 

What is the ratio of squares to dots

¿Cuál es la razón de los cuadrados a las manchas?

_____

MASTERY TEST

Level 3

3.0103: 1) Escribe cada uno de los siguientes como un número decimal:

Write each of the following as decimal fractions.

a) 6% _____

b) 23% _____

c) 2% _____

d) 130% _____

e) 1% _____

f) 46% _____

MASTERY TEST
Level 3

3.0103:

2) Escribe las siguientes fracciones decimales como un por ciento:

Write each of the following decimal fractions as per cent:

a) .04 = _____%

b) .23 = _____%

c) 1.30 = _____%

d) .2 = _____%

e) .10 = _____%

f) .50 = _____%

MASTERY TEST
Level 3

3.0103:

3)

a) **Find 32% of 76.**
Halla 32% de 76.

b) **Find 4% of 84.**
Halla 4% de 84.

c) **Find 2% of 46.**
Halla 2% de 46.

d) **Find 100% of 25.**
Halla 100% de 25.

MASTERY TEST
Level 3

3.0104:

1) En los examenes de matemáticas Roberto recibió 95, 75, 80, 90, y 60. ¿Cuál es el promedio de **sus** calificaciones?

Robert scored 95, 75, 80, 90, and 60 on the math tests. What was his average score?

_____

2) En los examenes semanales de la ortografía, María recibió 80, 65, 70, 35, 85, y 100. ¿Cuál fue el promedio de sus calificaciones?

Mary scored 80, 65, 70, 35, 85, and 100 on the weekly spelling tests. What was her average score?

_____

3) Halla el promedio de los números pares 2, 4, 6, y 8.

Find the average of the EVEN numbers 2, 4, 6, and 8.

_____

3.0104:

4) Halla el promedio de los números impares 1, 3, 5, 7, y 9.

Find the average of the odd numbers 1, 3, 5, 7, and 9.

_____

5) Raúl scored 65 on his reading test. He took the test again and scored 95. What was his average score?

En el examen de lectura, Raúl recibió 65. Hizo el mismo examen otra vez y recibió 95. ¿Cuál fue el promedio de sus calificaciones?

_____

MASTERY TEST
Level 3

3.0105: Solve these equations.
Resuelve estas ecuaciones.

1) $5 - N = 2$

$N =$ ___

2) $N + 3 = 7$

$N =$ ___

3) $N \times 5 = 10$

$N =$ ___

4) $N \div 4 = 3$

$N =$ ___

5) Write as an equation:

IF YOU ADD THREE TO A NUMBER, THE RESULT IS NINE.

Expresa como ecuación:

Si sumas un número más tres, la respuesta será nueve.

MASTERY TEST
LEVEL 3

3.0201:

1) Measure the line to the nearest $\frac{1}{8}$ of an inch.

   Mide la longitud de la línea y expressa en $\frac{1}{8}$ pulgadas.

   _____

2) Measure the line to the nearest $\frac{7}{16}$ of an inch.

   Mide la longitud de la línea y expressa en $\frac{7}{16}$ pulgadas.

   _____

3) Draw a line $\frac{5}{8}$ of an inch.

   Haz una línea que mide $\frac{5}{8}$ pulgadas.

Level 3

Mastery Test

3.0202:

1) How many inches in 2ft?
¿Cuántas pulgadas son 2 pies?

_____

2) How many inches in 4ft. 3 in?
¿Cuántas pulgadas son 4 pies, 3 pulgada

_____

3) How many feet in one yard?
¿Cuántos pies es una yarda?

_____

4) How many inches in one yard?
¿Cuántas pulgadas es una yarda?

_____

5) How many yards in 9 feet
¿Cuántas yardas son 9 pies?

_____

MASTERY TEST

LEVEL 3

3.0301:

1) Circle the letter above the picture of a circle and its diameter.

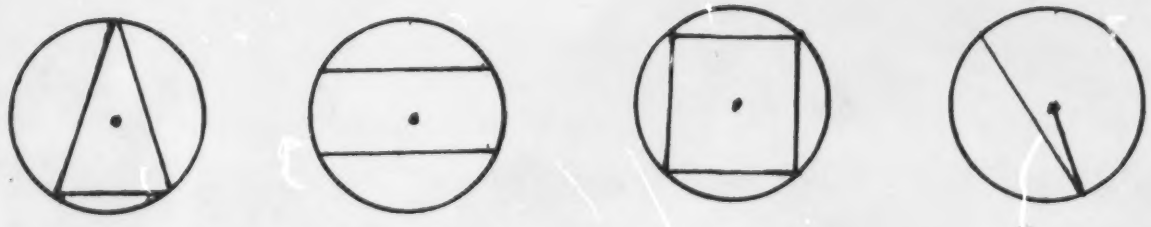
   Pon en un círculo la letra de un círculo y su diámetro.

A B C D

2) Circle the letter above the picture of a circle and its radius.

   Pon en un círculo la letra de un círculo y su radio.

A B C D



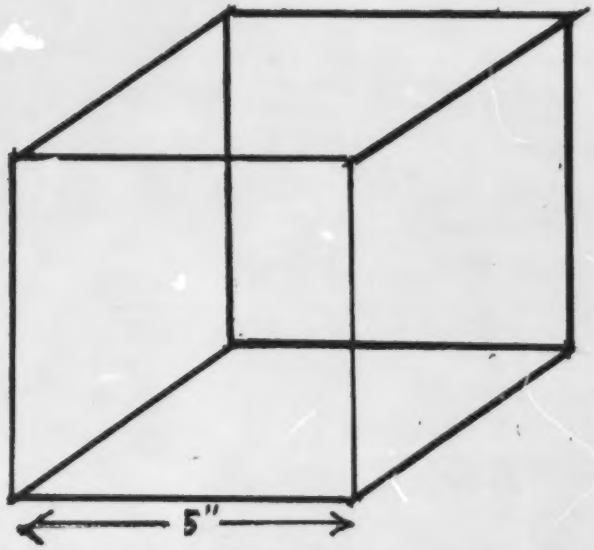
MASTERY TEST

LEVEL 3

3.0302:

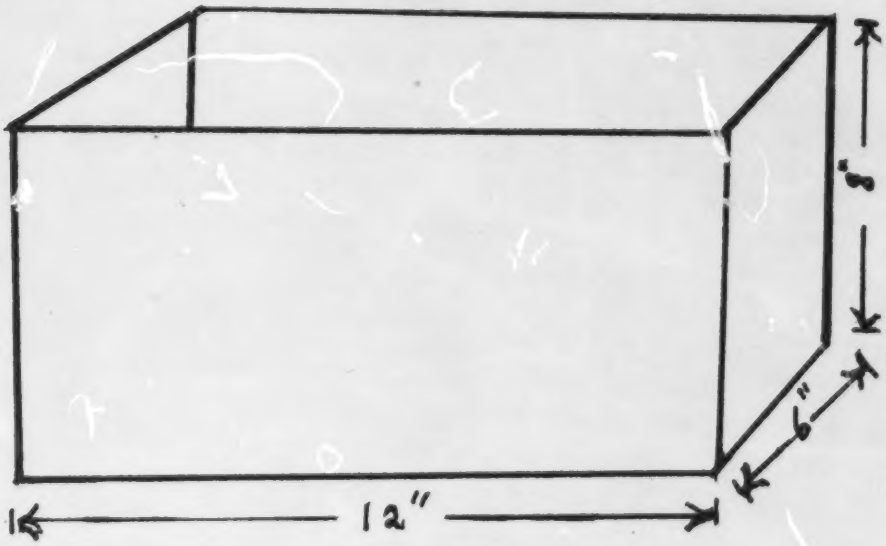
Find the volume of the cube.

Halla el volumen de este cubo.



Find the volume of the rectangular prism.

Halla el volumen del prisma rectangular.



MASTERY TEST

Level 3

3.0401:

Find the sums.
Halla las sumas.

1)

$$\begin{array}{r} 76,378 \\ 14,079 \\ 26,120 \\ + \ 43,987 \\ \hline \end{array}$$

2)

$$1,600 + 217,613 + 46,800 =$$

MASTERY TEST

Level 3

3.0401: Find the sums.
Halla las sumas.

3)

$$\begin{array}{r} 83,301 \\ 204,617 \\ 3,876 \\ 506,313 \\ 24,007 \\ + \quad 6,909 \\ \hline \end{array}$$

4)

$$\begin{array}{r} 37,617 \\ 58,034 \\ 97,627 \\ 124,408 \\ + \quad 6,536 \\ \hline \end{array}$$

$$5 + 600 + 86,994 + 8,677 + 8 =$$

MASTERY TEST
LEVEL 3

3.0402:

Find the sums.
Halla las sumas.

1) 6 + 30 + 4 + 614 = ?

2) 4 + 207 + 3 + 11 = ?

3) 9 + 248 + 96 + 5 = ?

4) 8 + 721 + 9 + 16 = ?

5) 7 + 70 + 700 + 7,000 = ?

MASTERY TEST

3.0403:

1) The library has 3,405 fiction books; 1,896 non-fiction books, and 265 magazines. What is the total number of magazines and books?

La biblioteca tiene 3,405 libros de ficción; 1,896 libros que no son de ficción, y 265 revistas. ¿Cuál es el número total de libros y revistas?

_____

2) Find the area of the Pacific States if the area of Washington is 68,192 square miles; Oregon 96,981 square miles; and California 158,693 miles.

Halla el área de los estados del Pacífico si el área de Washington es 68,192 millas cuadradas; Oregon 96,981 millas cuadradas; y California 158,693 millas cuadradas.

_____

3.0403:

3) How many farms are in these central states, if Ohio has 199,359 farms; Indiana 166,627; Illinois 195,268; Michigan 155,589; and Wisconsin 168,561?

¿Cuántas granjas tienen los estados centrales si Ohio tiene 199,359 granjas; Indiana 166,627; Illinois 195,268; Michigan 155,589, y Wisconsin 168,561?

_____

4) How many farms altogether in Ohio, Indiana, and Wisconsin?

¿Cuántas granjas en total están en Ohio, Indiana, y Wisconsin?

_____

5) How many farms altogether in Ohio, Illinois, and Michigan?

¿Cuántas granjas están en Ohio, Illinois, y Michigan en total?

_____

MASTERY TEST

LEVEL 3

3.0501:
Find the differences.
Halla las diferencias.

65,753	42,385	11,645
- 42,944	- 11,198	- 10,657

34,639	52,021
- 18,493	- 48,552

MASTERY TEST
LEVEL 3

3.0502:
Find the differences.
Halla las diferencias.

$$\begin{array}{r} 4{,}000 \\ -\quad 7 \\ \hline \end{array} \qquad \begin{array}{r} 2{,}000 \\ -\quad 4 \\ \hline \end{array} \qquad \begin{array}{r} 6{,}000 \\ -\quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5{,}000 \\ -\quad 6 \\ \hline \end{array} \qquad \begin{array}{r} 1{,}000 \\ -\quad 9 \\ \hline \end{array}$$

MASTERY TEST
Level 3

3.0503:

1) Ted's mother wants to buy a new car. She likes a small car that costs $3,775. She also likes a big car that costs $2,666. How much more does the small car cost than the big car?

La mamá de Teodoro quiere comprar un coche nuevo. A ella le gusta un cochecito que cuesta $3,775. También le gusta un coche grande que cuesta $2,666. ¿Cuánto más le cuesta el cochecito que el coche grande?

_____

2) Bill's father drove 23,231 miles last year. On his vacation, he drove 4,468 miles. The rest of the miles were for business. How many more miles did he drive for business than for his vacation?

El papá de Guillermo manejó 23,231 millas el año pasado. En sus vacaciones manejó 4,468 millas. Las manejó las demás millas en sus intereses de negocio. ¿Cuántas millas más manejó en sus intereses de negocio que en sus vacaciones?

_____

MASTERY TEST
Level 3

3.0503

3) Mr. Jackson earns $6,432 a year. His monthly car payment is $143.00. If you take his yearly car payment from his annual income, how much would be left?

El señor Jackson gana $6,432 el año. El pago mensual del coche es $143.00 ¿Cuánto le quedaría, si restara su sueldo anual de su pago anual del coche?

_____

4) Texas has a total area of 265,896 square miles. Alabama has an area of 51,690 square miles. How much larger is Texas than Alabama?

Texas tiene un área total de 265,896 millas cuadradas. Alabama tiene un área de 51,690 millas cuadradas. ¿Cuánto más grande es Texas que Alabama?

_____

MASTERY TEST
Level 3

3.0503:

5) Find the difference between:
SEVENTY-FOUR THOUSAND, NINE HUNDRED FOUR and SIX THOUSAND, EIGHTY-FIVE

Halla la diferencia entre:
SETENTA Y CUATRO MIL, NOVECIENTOS CUATRO y SEIS MIL, OCHENTA Y CINCO.

Level 3
Mastery Test

3.0601:

Find the products.
Halla los productos.

3416	8321	2056
X74	X46	X25

6005	2569
X34	X87

3.0602:

1) How far can a car go on a tank of gasoline if it averages 16 miles per gallon and the tank holds 19 gallons?

¿Qué distancia podría recorrer un coche, si el tanque tuviera 19 galones? El promedio es 16 millas por cada galón.

_____

2) Find how many books are needed to make 29 sets of 36 books each.

Halla cuántos libros se necesitan para hacer 29 conjuntos de libros, si cada conjunto tiene 36 libros.

_____

3) ¿Qué distancía podría volar un avión, si el promedio fuera de 325 millas por hora y el vuelo durara 14 horas?

How far can an airplane fly in 14 hours at an average speed of 325 miles per hour?

_____

MASTERY TEST

3.0602:

4) En el mapa una pulgada representa 64 millas. ¿Cuántas millas hay entre dos ciudades si la distancia entre ellas mide 13 pulgadas?

On a map, one inch represents 64 miles. How many miles apart are two cities with 13 inches between them?

_____

5) Bill's father saves $45 every month. How much would this be in 12 months?

El padre de Guillermo ahorra $45 al mes. ¿Cuánto ahorra en 12 meses?

_____

MASTERY TEST
LEVEL 3

3.0701:

Find the quotients.
Halla los cocientes.

$48\overline{)14,688}$ $52\overline{)12,648}$ $37\overline{)23,310}$

$22\overline{)64,215}$ $18\overline{)20,019}$

MASTERY TEST

Level 3

3.0702:

Find the quotients.

Halla los cocientes.

$312\overline{)936}$ $205\overline{)879}$ $228\overline{)912}$

$117\overline{)998}$ $143\overline{)899}$

MASTERY TEST
LEVEL 3

3.0703:

1) Dairy cows on Mr. Allen's farm produced 1,840 quarts of milk. How many gallons is this?

En la lechería del Señor Allen le dieron las vacas 1,840 cuartos de leche. ¿Cuántos galones le dieron?

_____

2) Mr. González earns $12,600 per year. How much does he earn per month?

El Señor González gana $12,600 al año. ¿Cuánto gana al mes?

_____

MASTERY TEST

3.0801: LEVEL 3

Find the sums.
Halla las sumas.

$$\begin{array}{r} \frac{2}{8} \\ \frac{1}{8} \\ +\ \frac{3}{8} \\ \hline \end{array} \qquad \begin{array}{r} \frac{1}{6} \\ \frac{2}{6} \\ +\ \frac{1}{6} \\ \hline \end{array} \qquad \begin{array}{r} \frac{1}{9} \\ \frac{3}{9} \\ +\ \frac{2}{9} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{10} \\ \frac{1}{10} \\ +\ \frac{2}{10} \\ \hline \end{array} \qquad \begin{array}{r} \frac{6}{12} \\ \frac{1}{12} \\ +\ \frac{1}{12} \\ \hline \end{array}$$

MASTERY TEST
LEVEL 3

3.0802:

Find the sums.

Halla las sumas.

$$\begin{array}{r} \frac{1}{4} \\ \frac{3}{4} \\ +\ \frac{2}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{3} \\ \frac{1}{3} \\ +\ \frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{7}{10} \\ \frac{8}{10} \\ +\ \frac{1}{10} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{6} \\ \frac{4}{6} \\ +\ \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{7}{8} \\ \frac{1}{8} \\ +\ \frac{2}{8} \\ \hline \end{array}$$

MASTERY TEST

LEVEL 3

3.0901:

Find the differences.

Halla las diferencias.

$$3\frac{1}{3} - 1\frac{3}{6}$$

$$2\frac{1}{2} - 1\frac{3}{4}$$

$$5\frac{3}{9} - 1\frac{2}{3}$$

$$7\frac{2}{8} - 4\frac{2}{4}$$

MASTERY TEST

LEVEL 3

3.1001:

Find the products.

Halla los productos.

$4\frac{2}{5} \times 10 =$

$2\frac{2}{3} \times 6 =$

$1\frac{1}{8} \times 2 =$

$2\frac{1}{4} \times 2 =$

$3\frac{1}{3} \times 3 =$

MASTERY TEST

LEVEL 3

3.1002:

Find the products.
Halla los productos.

$1\frac{1}{4} \times \frac{4}{5} =$

$2\frac{2}{5} \times \frac{1}{2} =$

$4\frac{1}{2} \times \frac{1}{3} =$

$3\frac{2}{3} \times \frac{3}{4} =$

$1\frac{4}{6} \times \frac{3}{5} =$

MASTERY TEST
LEVEL 3

3.1101:

Find the quotients.
Halla los cocientes.

$2 \div 1\frac{1}{2} =$

$6 \div 2\frac{2}{3} =$

$4 \div 2\frac{2}{5} =$

$13 \div 4\frac{1}{3} =$

$8 \div 3\frac{1}{3} =$

MASTERY TEST

LEVEL 3

3.1102:

Find the quotients.
Halla los cocientes.

$2\frac{1}{2} \div 3 =$

$7\frac{1}{5} \div 6 =$

$8\frac{1}{2} \div 5 =$

$7\frac{1}{2} \div 9 =$

$5\frac{3}{5} \div 4 =$

MASTERY TEST

LEVEL 3

3.1201:

Find the sums.

Halla las sumas.

$$\begin{array}{r} 4.65 \\ +\ 2.86 \\ \hline \end{array} \qquad \begin{array}{r} 5.67 \\ +\ 8.4 \\ \hline \end{array} \qquad \begin{array}{r} 29.6 \\ +\ 8.93 \\ \hline \end{array}$$

$6.7 + 62 + .62 =$

$8.54 + 9 + .5 =$

MASTERY TEST
LEVEL 3

3.1202:

Find the sums.
Halla las sumas.

6.76	3.70	47.5
2.90	.07	50.08
+ 2.44	2.1	35.1
	+ 7.88	+ 28.05

7.3 + .7 + 62 + .62 =

8.54 + 9 + .9 + .5 =

MASTERY TEST

LEVEL 3

3.1203:

1) Jane bought her graduation outfit. Her dress cost $12.39; shoes, $9.98; hat, $3.26; and purse, $5.12. How much did she spend?

Juana compró su traje para la graduación Su vestido costó $12.39; zapatos $9.98; bolsa $5.12 y sombrero $3.26. ¿Cuánto gastó?

---

2) Jane's mother went to the store and bought meat costing $4.29; vegetables, $.84; fruit, $1.08; bakery items, $.56; dairy items, $1.67; and general grocery items, $2.76. How much was her bill?

La madre de Juana fue a la tienda y compró carne que costó $4.29; verduras $.84; fruta $1.08; productos de la panadería, $.56; productos de la lecher $1.67; y artículos en general de la tienda, $2.76. ¿De cuánto fue la cuent

MASTERY TEST
LEVEL 3

3.1301:

Find the differences.

Halla las diferencias.

3.4	5.08	13.07
- 1.5	- 1.98	- 10.20

29.1 - 5.47 = ?

56.07 - 4.9 = ?

MASTERY TEST
LEVEL 3

3.1302:

1) John bought a baseball mitt that regularly sold for $7.49 at a reduction of $1.98 How much did he pay?

   Juan compró un guante de béisbol que regularmente se vende por $7.49 a una reducción de $1.98. ¿Cuánto pagó?

   _____

2) A boy ran the 100-yard dash in 13.4 seconds then later ran the same distance in 11.7 seconds. How many seconds less did he take the second time?

   Un muchacho hizo la carrera de 100-yardas en 13.4 segundos, y después corrió la misma distancia en 11.7 segundos. ¿Cuántos segundos menos le tomó la segunda vez?

   _____

3) The outside diameter of certain copper tubing is 2.375 in. and its wall thickness is .083 in. What is the inside diameter?

   El diámetro exterior de un tubo de cobre es 2.375 plg. y el grueso de la pared es .083 plg. ¿Cuál es el diámetro interior?

MASTERY TEST
LEVEL 3

3.1401:

Find the products.

Halla los productos.

$24.30	$4.06	$8.72
X 35	X 27	X 45

$3.08	$6.37
X 65	X 63

MASTERY TEST
LEVEL 3

3.1402:

Find the products.

Halla los productos.

7	.07	.62
X .3	X 8	X 5

6.2	3.04
X 4	X 8

MASTERY TEST
LEVEL 3

3.1403:

Find the products.
Halla los productos.

4.24	3.82	7.03
X .6	X.05	X.03

9.18	5.20
X .7	X.72

MASTERY TEST
LEVEL 3

3.1501:

Find the quotients.
Halla los cocientes.

$23\overline{)\$9.20}$ $25\overline{)\$42.50}$ $14\overline{)\$8.40}$

$10\overline{)\$10.00}$ $11\overline{)\$11.22}$

MASTERY TEST
LEVEL 3

3.1502:

Find the quotients.

Halla los cocientes.

$3\overline{)3.9}$ $5\overline{)44.50}$ $2\overline{)6.02}$

$7\overline{)39.9}$ $4\overline{)48.08}$

MASTERY TEST
LEVEL 3

3.1503:

Find the quotients.

Halla los cocientes.

$.2\overline{)464}$ $.5\overline{)565}$ $.7\overline{)350}$

$.6\overline{)930}$ $.4\overline{)176}$

MASTERY TEST
LEVEL 3

3.1504:

Find the quotients.

Halla los cocientes.

$.05\overline{)455}$ $.24\overline{)636}$ $.07\overline{)987}$

$.59\overline{)354}$ $.02\overline{)832}$